THAT WHICH IS CLAIMED:

CLA!	7	1. \ An iso	plated polypeptide selected from the group consisting of:
, 0 -	5		a polypeptide comprising an amino acid sequence set forth in SEQ
		ID NO: 2;	
		\((b)	a polypeptide encoded by a nucleotide sequence comprising the
		sequence set forth in	SEQ ID NO: 1;
		(c)	a polypeptide sequence encoded by the cDNA insert deposited as
	10	Patent Deposit No	;
		(d)	a polypeptide having at least 75% identity to the sequence of SEQ
		ID NO:2, wherein sa	id polypeptide has proteinase inhibitor-like activity; and,
		(e)	a polypeptide comprising at least 20 contiguous amino acids of
		SEQ ID NO:2.	l
	15		,
		2. An is	olated nucleic acid molecule comprising a nucleotide sequence
		selected from the gro	oup consisting of:
		(a)	a nucleotide sequence comprising the sequence set forth in SEQ ID
1		NO:1;	
	20	(b)	a nucleofide sequence encoding a polypeptide comprising the
<u>-</u>		amino acid sequence	e set forth in SEQ ID NO:2;
		(c)	a nucleotide sequence comprising the cDLA sequence deposited as
		Patent Deposit No	;
		(d)	a nucleotide sequence having at least 75% identity to the sequence
	25	of SEQ ID NO:1, w	herein said sequence encodes a polypeptide having proteinase
		inhibitor-like activit	<u>'</u>
		(e)	a nucleotide sequence having at least 20 contiguous nucleotide
		sequences of SEQ I	O NO:1;
		(f)	a nucleotide sequence comprising the complement of a sequence
	30	corresponding to a),	b), c), d) or e); and,
		(g)	a nucleotide sequence that hybridizes under stringent conditions to

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the complement of a), b) or c), wherein said sequence encodes a polypeptide having proteinase inhibitor-like activity and said stringent conditions comprise hybridization in 50% formamide, 1 M NaCl, 1% SDS at 37°C and a wash in 0.1X SSC at 60°C to 65°C.

- 3. A DNA construct comprising a nucleotide sequence of claim 2, wherein said nucleotide sequence is operably linked to a promoter that drives expression in a host cell.
 - 4. A vector comprising the DNA construction of claim 3.
- 10 5. A plant cell having the vector of claim 4.
- 6. A plant having stably incorporated into its genome at least one DNA construct comprising a nucleotide sequence operably linked to a heterologous promoter that drives expression in said plant, wherein said nucleotide sequence is selected from the group consisting of:
 - (a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO:1;
 - (b) \a nucleotide sequence encoding a polypeptide comprising the amino acid sequence set forth in SEQ ID NO:2;
 - 20 (c) a hucleotide sequence comprising the cDNA sequence deposited as Patent Deposit No._____;
 - (d) a nucleotide sequence having at least 75% identity to the sequence of SEQ ID NO:1;
 - (e) a nucleotide sequence having at least 20 contiguous nucleotide sequences of SEQ ID NO:1, wherein said sequence encodes a polypeptide having proteinase inhibitor-like activity;
 - (f) a nucleotide sequence comprising the complement of a sequence corresponding to a), b), c), d) or e); and,
 - (g) a nucleotide sequence that hybridizes under stringent conditions to the complement of a), b) or c), wherein said sequence encodes a polypeptide having proteinase inhibitor-like activity and said stringent conditions comprise hybridization in

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50% formamide, 1 M NaCi, 1% SDS at 37°C and a wash in 0.1X SSC at 60°C to 65°C.

- 7. The DNA construct of claim 3 wherein said promoter is selected from the group consisting of:
- (a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO:3;
- (b) a nucleotide sequence comprising the DNA insert of Patent Deposit No. ____;
- (c) \ a nucleotide sequence having at least 75% identity to the sequence of SEQ ID NO:3, wherein said sequence is capable of regulating transcription; and,
 - (d) a nucleotide sequence comprising at least 20 contiguous nucleotides of SEQ ID NO:3, wherein said sequence is capable of regulating transcription.
- 15 8. The plant of claim 6, wherein said promoter is an inducible promoter.
 - 9. The plant of claim 8, wherein said promoter is a pathogen-inducible promoter.
- 20 The plant of claim 6, wherein said plant is a monocot.
 - 11. The plant of claim 10, wherein said monocot is maize, wheat, rice, barley, sorghum, or rye.
- 25 12. The plant of claim 6, wherein said plant is a dicot.
 - 13. A transformed seed of the plant of claim 6.
 - 14. A method for modulating disease resistance in a plant, said method comprising stably introducing into the genome of the plant at least one DNA construct comprising a nucleotide sequence operably linked to a heterologous promoter active in

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said plant, wherein said nucleotide sequence is selected from the group consisting of: a nucleotide sequence comprising the sequence set forth in SEQ ID (a) NO:1; a nucleotide sequence encoding a polypeptide comprising the amino acid sequence set forth in SEQ ID NO:2; a nucleotide sequence comprising the cDNA insert of Patent Deposit No. a nucleotide sequence having at least 75% identity to the sequence of SEQ ID NO:1 wherein said nucleotide sequence encodes a polypeptide having 10 proteinase inhibitor-like activity; a nucleotide sequence comprising at least 20 contiguous nucleotides of SEO ID NO:1; and, a nucleotide sequence that hybridizes under stringent conditions to (f) the complement of a), b) or c), wherein said sequence encodes a polypeptide having

- 15. A method of modulating the level of a polypeptide in a plant, comprising:
- (a) introducing into the genome of a plant cell a DNA construct comprising a polynucleotide of claim 2 operably linked to a promoter;
- (b) culturing the plant cell under plant growing conditions to produce a regenerated plant; and,

proteinase inhibitor-like activity and said stringent conditions comprise hybridization in

50% formamide, 1 M NaCl, 1% SDS at 37°C and a wash in 0.1X SSC at 60°C to 65°C.

- (c) inducing expression of said polynucleotide for a time sufficient to modulate the level of said polypeptide in said plant.
- 16. The method of claim 15, wherein the plant is maize, soybean, sunflower, sorghum, canola, wheat, alfalfa, cotton, rice, barley, or millet.
- The method of claim 15, wherein the level of said polypeptide is increased.

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		18. Ar isolated nucleotide sequence selected from the group consisting of: (a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO:3;		
ول ا	<u> </u>	(a) a nucleotide sequence comprising the sequence set forth in SEQ ID		
A	4	NO:3;		
•		Deposit No;		
	5	Deposit No. \ ;		
		(c) a nucleotide sequence having at least 75% identity to SEQ ID		
		NO:3, wherein said nucleotide sequence is capable of regulating transcription; and,		
		(d) \ a nucleotide sequence comprising at least 20 contiguous nucleotide		
		sequences of SEQ ID NO:3, wherein said nucleotide sequence is capable of regulating		
	10	transcription.		
	10	transcription.		
		10 A DNA A second side a supported begins the mulectide gaguenes		
		19. A DNA construct comprising a promoter having the nucleotide sequence		
		of claim 18 operably linked to a nucleotide sequence of interest.		
	15	20. An expression vector comprising the DNA construct of claim 19.		
	-			
	D 5	21. A plant having stably incorporated into its genome at least one DNA construct comprising a nucleotide sequence of interest operably linked to a promoter,		
	Va	construct comprising a nucleotide sequence of interest operably linked to a promoter,		
		wherein said nucleotide sequence of interest is heterologous to said promoter and		
	20	wherein said promoter is selected from the group consisting of:		
		(a) a promoter sequence comprising the sequence set forth in SEQ ID		
		NO:3;		
		(b) a promoter sequence comprisint the DNA insert of the Patent		
		Deposit No;		
	25	(c) appromoter sequence having at least 75% identity to SEQ ID NO:3		
		wherein said promoter sequence regulates transcription of said heterologous nucleotide		
		sequence of interest; and		
		(d) a promoter comprising at least 20 contiguous nucleotide sequences		
		of SEQ ID NO:3, wherein said promoter sequence regulates transcription of said		
		of SEQ ID 110.5, wherein paid promoter sequence regulates transcription of said		

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heterologous nucleotide sequence of interest.

- 22. A plant cell having the vector of claim 20.
- 23. A method of regulating the expression of a nucleotide sequence of interest, said method comprising stably incorporating in the genome of a plant cell a nucleotide sequence of interest operably linked to a promoter comprising a nucleotide sequence of claim 18, wherein said nucleotide sequence of interest is heterologous to said promoter.
- 24. The method of claim 23, further comprising contacting said plant cell with a stimuli that induces expression of said nucleotide sequence of interest.

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